

K.

Freeport  
Jill

Matching  
Jill

Freeport Note

July 5<sup>th</sup>

Reached Freeport at 5 P.M.  
Started down the RR. track  
along the Peconic River  
(which was up stream on  
the South side)

Found fine clayey sand  
underlying loess clay full  
of rootlets. This was on  
rock. Saw no shells.

Saw excavations for gas-pipe  
near William Hotel  
which showed the loess clay  
full of roots (see piece)  
Stayed at Knapp House near  
depot.

July 6.

Freeport lies on part on  
an alluvial plain but little

above the Pecatonica river.

On the N. side of the river (on which the C. M. & St. Paul RR. depot is located) this is wholly true.

On the south side is the main city. This is in part on the plain & in part on hills which rise gradually toward the south. The topography is not abrupt, but rather like our prairies.

Went eastward along the Ill. Central RR. over a mile.

In a long cut found first rock, then fine clayey sand & finally Loess-like clay without fossils.

The latter was about 6-10 ft thick.

Came up town & at intersection of Adams & Carroll streets found excavation going on for paving.

Nothing but Loess? was exposed (6 ft deep) & this was filled with roots. - but no shells.

The natural surface here is about 45 ft above the alluvial plain on which the C.M. & St. Paul Cent. RR's are built.

Conversed with the Supt of the water company. He mentioned Mr. Servey as a resident of Freeport. He said the clay was

from 4 to 30 ft. thick  
 & often rested on the  
 rock, - there being  
 some pockets of sand.  
 He had ~~seen~~ little shells  
 but could say nothing  
 about them.

He said the place where  
 the standpipe was  
 located (just out of town)  
 was the highest.

The lower parts of town  
 are on a level with  
 the RR. plain & if it  
 is here that Krosby  
 found his fossils, the  
 find don't amount to  
 much.

Nowhere did I see the  
 abrupt topography of  
 the ordinary loess.

Stand-pipe reading = 105 ft.

A cut along Ill. Cent  
 RR. shows 5-6 feet  
 of loess clay - a layer  
 below more sandy &  
 below that still more  
 sand & finely horizontally  
 laminated.  
 See three samples.

Center sec. 25  
6  
Center sec. 30  
City limit  
Sec. 1 Central  
Stephenson str  
Lincoln Ave  
City limit  
Cemetery  
West str  
Locust str  
Empire str  
Center sec. 1  
Sec. 6

Center sec. 29  
Henderson str  
Taylor ave  
C. & N. W.  
C. & N. W.  
Sec. 31  
Sec. 32  
Adams str  
Chicago & Madison RR  
City limit  
Center sec. 5

Owen J. Smith  
Super's Water Co.  
Freeport, Ill.

10

11

12

13

Modern shellsNatchez, Miss.

<i>Stenotrema stenotremum</i>	8
" <i>monodon leai</i> - 30+1+12	
<i>Tridopsis inflecta</i> 5+5 - Vicksburg!	
" <i>obstructa</i> 9 - juv.	
<i>Polygyra</i> <del>texanensis</del> <i>espilora</i>	2
<i>Macrocyclus concava</i>	1
✓ <i>Helicina orbiculata</i>	3 + 36.
<i>Merodina</i> v. <i>luculentata</i>	9 + 10 + 3 <sup>Vicksburg</sup>
" <i>exoleta</i>	1
<i>Purpa curvidens</i>	3
" <i>fallax</i>	1
<i>Succinea ovata</i>	1
" <i>grovenorii</i>	many. 541
<i>Zonites indentatus</i>	1 + 6
" <i>viridulus</i>	1
" <i>minusculus</i>	5
" <i>ligens</i> - many.	
" <del><i>ligens</i></del> <i>laevigatus</i> - 5.	
<i>Vertigo tridentata</i>	✓

*Zonites ligens* - S. bluff.

" " " " " "	3
" <i>gularis</i> <del><i>suppressus</i></del> - S. "	none.
" " " " " "	16
" " " " " "	109

36

37

38

39

(Vicksburg also included)  
Natchez, Miss. Fossils.

<i>Mesodon elevata</i> (Say) Brum.	1.
" "	2.
" "	3
" "	4
" "	5
" "	6.
" "	7
" "	8
" "	9
" "	15
" "	16
" "	17
" "	18
" "	20
" "	21
" "	22
" "	23
" "	24
" "	28

Great gulch.	145
Cut 5	95.
Last cut Canal str. road.	21
Edwards' mixed collection.	51.
Cut 1 - E. end. - (dig.)	13.
" " - W. & S. (dig.)	32
" 3 - E. side.	42
" 6 - (dig.)	16
Liberty Road - cut 1 -	1
Crescent flat.	1
Prospect Hill (dig.)	1
Canal str. road - cut. 1 -	3
" " " " 3	1
Jefferson str. between Canal & Wall str. <sup>cut 150</sup>	1
End Main str. (dig.)	3
Cut no. 3. - In upper lime layer.	9
Cut near top of hill beyond National Cem.	2
Road to bottoms from National Cemetery.	1
Cut. 4.	38

12  
*Merodon exolita* (Binn.) Dy.

1.

" "

2

" "

3

" "

4

" "

5

" "

6

" "

7

" "

8

" "

9

" "

10

" "

11

" "

12

" "

14

" "

17

" "

18

" "

21

" "

22

" "

23

" "

24

" "

25

" "

28

" "

X

43  
great gulch.

5-8.

Cut 5.

56

Last cut Canal str. road.

5

1<sup>st</sup> day - miscell.

18

Cut. 1 - E. end. (dig.)

9

" " - W. & S. "

4

Cut 3 - E. side

8

" 6 - dig.

6

" 1 - Liberty Road.

2

next to last cut, Canal str. road.

1

Cut 3 - Liberty Road.

1

" 6 - " "

1

" 2 - " "

1

Canal str. road. cut 1 -

1

" " " " 3 -

1

End Main str. -

6

Cut no. 3 - In upper lime nodule layer.

2

Cut near top of hill beyond Nat. Cem.

2

Road to bottom from Nat. Cem.

1

" from Nat. Cem. to City (see notes June)

1

Cut 4.

11

Vicksburg, Miss.

2049

*Mesodon albolabris* (Say) Morse 1.

"	"	2
"	"	4
"	"	5
"	"	6
"	"	7
"	"	8
"	"	14
"	"	20
"	"	22
"	"	28
"	"	x

*Mesodon thyroides* var. *bucculenta* (see) 1

"	"	4
"	"	5
"	"	x

Great gulch. 12

Cut 5, 8

1<sup>st</sup> day. in all. 5

Cut 1 - E. end (dig.) 5

" " - W. & S. (") 2

" 3 - E. side. 3

" 6 - (dig.) 1

" 2 - Liberty road. 1

Jefferson st. between Canal & Wall st. <sup>cut 150</sup> 1

Cut 3 - On upper line layer - 1

Cut 4 - - 2

Vicksburg - - 1  
42

Great gulch. 4

1<sup>st</sup> day - 1

Cut 1 - E. end - 2

Vicksburg - 4

<i>Mesodon profunda</i> (Say.) Binn.	1
" "	2
" "	3
" "	4
" "	5
" "	6
" "	7
" "	8
" "	9
" "	15
" "	16
" "	17
" "	21
" "	22
" "	23
" "	26
" "	28
" "	X

Great gulch.	70
Cut 5.	32
Last cut Canal str. road.	2
1 <sup>st</sup> day.	6
Cut 1 - E. end. (dig.)	3
" " - W. & S. ( " )	5
" 3 - E. side.	7
" 6.	2
" 1 - Liberty Road.	2
Crescent flat (June 2) (dig.)	1
Prospect Hill - " " "	2
Canal str. road - cut 1.	4
End main str. - (dis.)	1
Cut 3 - Upper lime layer.	2
Cut near top of hill. beyond Nat. Cem.	1
Edge of bluff near Yazoo & Miss. V. R.R. dept.	1
Cut 4.	16
Vicksburg.	17

174

*Patula alternata* (Say) Binn. <sup>4 costate var.</sup> 1

"	"	2
"	"	3
"	"	4
"	"	5
"	"	6
"	"	7
"	"	8
"	"	9
"	"	14
"	"	16
"	"	17
"	"	20
"	"	21
"	"	22
"	"	23
"	"	24
"	"	28
"	"	x

Great gulch.	89	18
Cut 5.	30	3
Last cut - Canal str. road.	6	
1 <sup>st</sup> day.	19	
Cut 1 - E. end.	11	
" 1 - W. & S. (dig.)	11	
" 3 - E. side.	25	
Cut 6.	5	
Cut 1 - Liberty Road.	1	
" 2 - " "	4	
Prospect Hill (June 2) (dig.)	1	
Canal str. road: cut 1.	4	
Jefferson str. cut 15°.	1	
End Main str. (dig.)		1
In upper lime layer cut 3.	5	
Cut near top of hill beyond Nat. Cem.		
Road to bottoms from Nat. Cem.	1	
Cut 4.		17
Vicksburg.	Mostly intermediate.	28

259  
22  
281

*Patula perspectiva* (Say) Binn.

	1
" "	2
" "	3
" "	4
" "	5
" "	6
" "	7
" "	8
" "	9
" "	16
" "	17
" "	18
" "	19
" "	23
" "	28
" "	x.

Great gulch.

103

Cut 5.

4

Last cut Canal str. road.

2

1<sup>st</sup> day.

16

Cut 1 - E. end. (dig.)

12

" " W. & S. "

25

" 3 E. side.

22

Cut 6.

1

Cut 1 - Liberty road.

2

Prospect Hill (June 2) (dig.)

2

Cut 1 - Canal str. road.

1

" 3 - " " "

2

" 2 - " " "

1

Cut near top of hill beyond Nat. Cem.

1

Cut 4.

14

Vicksburg.

6  
214

<i>Triodopsis obstructa</i> (Say) Binn.	1
" "	2
" "	3
" "	4
" "	5
" "	7
" "	8
" "	9
" "	15
" "	16
" "	17
" "	22
" "	28
" "	x

*Triodopsis palliata* (Say) Binn. x

*Triodopsis fallax* (Say) Fry. x

Great gulch. 42

cut 5. 17

Canal str. road. 1

1-2 (dig.) 6

1-3 (dig.) 4

1-4 3

1-5 7

1-6 1

1-7 1

1-8 1

1-9 3

1-10 10

1-11 1

1-12 106

1-13 11

Vicksburg. 13

Cut no. 3,

On side nearest  
to River &

above the

same nodular

layer.  
(mostly digging.) (see)

That is, above the  
stratum with larger  
pieces.

There is a smaller  
layer of more

upstart nodules

above, & the

nodule with Iris

apophysis comes from  
this upper layer.

Boxer number 20.22

Cut no. 4  
and backward  
extension of  
same.

28.

Jefferson str  
between Canal &  
Wall str.  
cut. 15° high S. side.

City. Y. Y. Y. 23m  
Last cut on  
Cemetery Road just  
before coming out  
on bluff

**BLOOM & MAYER**

gra  
holt

24.  
Cut to left beyond  
National Cemetery on  
by road which leads  
under bluff.

<i>Triodopsis obstructa</i> (Say) Binn.	1
" "	2
" "	3
" "	4
" "	5
" "	7
" "	8
" "	9
" "	15
" "	16
" "	17
" "	22
" "	28
" "	x

*Triodopsis palliata* (Say) Binn. x

*Triodopsis fallax* (Say) Fry. x

Great gulch.	42
Cut 5.	17
Last cut Canal str. road.	1
1 <sup>st</sup> day.	6
Cut 1 - E. end. (dig.)	4
Cut 3 - E. side.	1
Cut 6 - (dig.)	7
Cut 1 - Liberty road.	1
Crescent flat - June 2.	1
Prospect Hill - " (dig.)	1
Canal str. road - cut. 1.	1
Cut 3 - Upper line layer.	3
Cut 4.	10
Vicksburg.	1
	<hr/> 106

Vicksburg 11

Vicksburg. 13

<i>Triodopsis inflecta</i> (Say) Binn.	1.
" "	2.
" "	3.
" "	4.
" "	5.
" "	6.
" "	7.
" "	8.
" "	9.
" "	11
" "	15
" "	16
" "	17
" "	19
" "	21
" "	22
" "	23
" "	28
" "	x

Great gulch.	313
Cut 5.	26
Last cut - Canal str. road.	7
1 <sup>st</sup> day.	40
Cut 1 - E. end (dig.)	39
" 1 - W. & S. "	32
" 3 - E. side.	36
Cut 6.	2
Cut 1 - Liberty road.	1
" 3 " "	1
Crescent flat - June 2.	4
Prospect Hill " "	2
Cut 1 - Canal str. road.	3
" 2 - " " "	2
End Main str. (dig.)	4
Cut 3 - Upper module layer.	2
Cut near top of hill beyond Nat. Cem.	2
Cut 4.	40
Vicksburg.	10
	<hr/> 566

<i>Stenotrema stenotremum</i> (Fér.) Fry.	1.
" "	2
" "	3
" "	4
" "	5
" "	6
" "	7
" "	9
" "	11
" "	13
" "	14
" "	19.
" "	21.
" "	23
" "	28 28
" "	X.

*Stenotrema hirsutum* (Say) Fry. (?) X

(see next page.)

Great gulch.	87.
Cut 5.	3
Last cut - Canal str. road.	2
1 <sup>st</sup> day.	12
Cut - 1 - E. side. (dig.)	15
" 1 - W. & S. - "	6
" 3 - E. side.	4
" 1 - Liberty Road.	2
" 3 - " "	4
" 4 - " "	1
" 2 - " "	1
" 2 - Canal str. road.	1
End Main str. (dig.)	2
Cut near top of hill beyond Nat. Cem.	1
Cut 4.	11
Vicksburg.	4
	<hr/> 156

Vicksburg 2

(see preceding page.)

<i>Stenotrema hirsutum</i> (Say) Fry.	1.
" "	2
" "	3
" "	4
" "	5
" "	6
" "	7
" "	9
" "	10
" "	11
" "	16
" "	17
" "	18
" "	19
" "	21
" "	23
" "	24
" "	28
" "	x

Great gulch.	263
Cut 5.	6
Last cut Canal str. road.	3
1 <sup>st</sup> day.	18
Cut 1 - E. end. (dig.)	22
" 1 - W. & S. - "	7
" 3 - E. side.	9
" 1 - Liberty road.	2
Next to last cut - Canal str. road.	1.
Cut 3 - Liberty road.	2.
Prospect Hill - June 2 - (dig.)	1
Canal str. road cut 1 -	5
" " " " 3.	2
" " " " 2	1
End Main str. (dig.)	4
Cut near top of hill beyond National Cem.	3
Road from Nat. Cem. to bottoms.	2
Cut 4.	15
Vicksburg (see preceding page)	21

<i>Stenotrema monodon</i> (Rack.) Moni.	1
" "	2
" "	3
" "	4
" "	5'
" "	6
" "	7
" "	16
" "	17
" "	18
" "	20
" "	24
" "	28
" "	X

Great gulch.	41
Cut 5.	7
Last cut. Canal str. road.	1
1 <sup>st</sup> day.	6
Cut 1 - E. end. (Dig.)	4
" 1 - W. & S. "	7
" 3 - E. side.	10
Prospect Hill lower.	1
Canal str. <del>road</del> , cut 1.	1
" " " " 3.	1
Jefferson str. at 15°	1
Road to bottoms from Nat. Cem.	2
Cut 4.	3
Vicksburg.	7
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<i>Macrocyclis concava</i> (Say) More.	1
" "	2
" "	3
" "	4
" "	5
" "	6
" "	7
" "	8
" "	9
" "	10
" "	11
" "	14
" "	16
" "	17
" "	19
" "	20
" "	22
" "	23
" "	24
" "	27
" "	28
" "	x

great gulch.	114
Cut 5.	28
Last cut Canal str. road.	12
1 <sup>st</sup> day.	25
Cut 1 - E. end. (dig.)	24
" 1 - W. & S. "	17
" 3 - E. side.	28
Cut 6.	1
Cut 1 - Liberty Road.	1
Next to last cut Canal str. road	3
Liberty road - cut 8.	2
" " " 2.	1
Prospect Hill June 2 -	5
Canal str. road. cut 1	4
" " " " 2	1
Jefferson str. 15 <sup>th</sup> cut.	2
Cut 3 - upper lime layers.	4
Road near top of hill beyond Nat. Cem.	3
" to bottoms from Nat. Cem.	2
From laminated layers (red) in cut 1.	1
Cut 4.	18
Vicksburg.	21

<i>Zonites capnodes</i> (Binn.) Binn.	1
" "	2
" "	3
" "	4
" "	5
" "	6
" "	7
" "	8
" "	9
" "	20
" "	21
" "	22
" "	23
" "	28

Great gulch.	28.
Cut 5	16
Last cut - Canal str. road.	5
1 <sup>st</sup> day.	6.
Cut 1 - E. end. (dig.)	3.
" 1 - W. + S. "	4.
Cut 3 - E. side.	3
Cut 6.	1
Cut 1 - Liberty road.	1
Jefferson str. - between Canal Wall str. <sup>Cut 150</sup>	2.
W. End Main str.	1.
Cut 3 - upper nodule - layer.	2.
Cut near top of hill beyond Nat. Cem.	1
Cut 4.	5
	82

see if *Z. suppressus* is in the lot.

<i>Zonites ligatus</i> (Say) Bin.	1
" "	2
" "	3
" "	4
" "	5
" "	6
" "	7
" "	8
" "	9
" "	15
" "	16
" "	17
" "	18
" "	21
" "	22
" "	23
" "	24
" "	28
" "	X

Great gulch.	123
Cut 5.	16
Last cut Canal str. road.	13
1 <sup>st</sup> day.	17
Cut 1 - E. end - (dig.)	20
" 1 - N. & S. ( " )	7
" 3 - E. side.	12
" 6.	2
" 1 - Liberty road.	1
Crescent flat - June 2 -	1
Prospect Hill " " (dig.)	1
Cut 1 - Canal str. road.	2
" 3 - " " "	2
End main str.	1
Cut 3 - upper lime layer.	1
Near top of hill beyond Nat. Cem.	1
Road to bottoms from " " "	1
Cut 4.	14
Vicksburg.	6.

Zonites indentatus (Say) Binn.

1- Great Gulch.	2
4- 1 <sup>st</sup> day -	1
5- Cut 1- E. end. (dig.)	14
9- Cut 1- Liberty Road.	2
18- Cut 3- Canal str. road.	1
x- Vicksburg, Miss.	3
y- Loose material in Great Gulch.	22

Zonites multidentatus (Binn.) Binn.

1 Great Gulch.	35
5- Cut 1- E. end (dig.)	1
7- " 3- E. side.	1
x- Vicksburg -	1

Zonites placintulus

1- Great Gulch.	3
2- Last cut Canal str.	1
4- 1 <sup>st</sup> day	3
6- Cut 1- W. & S.	2

Zonites fulvus

* Great Gulch	7
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Zonites minusculus

Great Gulch	300
5- Cut 1- E. end - (dig)	1
16- Cut 1- N. & S. (dig.)	3

Zonites viridulus

Great Gulch.	11
4- 1 <sup>st</sup> day -	1
5- Cut 1- E. end. (dig.)	2
7- Cut 3- E. side.	1

Zonites arboreus

1- Great gulch -	14
2- Last cut Canal str. road - - - -	1
5- Cut 1- E. end - (dig) - - - -	2
6- " 1- W. & S. - (dig) - - - -	2
7- " 3- E. side - - - -	1
x- Vicksburg - - - -	1

70

71

Nertiso tridentata 2

1- Great gulch - (not by dig.) 2

Pupa fallax

1- Great gulch (not by dig.) 1

Pupa armifera

1- Great gulch. 1

Pupa contracta

1- Great gulch - 25

Pupa corticaria

Great gulch - 16.

Pupa curvidens

1. Great gulch. 30

5. Cut. 1 E. end. - (dig.) 2

Pupa simplex

1. Great gulch (hole) 1

4. 1<sup>st</sup> day - 5.

Ferussacia subcylindrica

1- Great gulch -	6.
3- Last cut Canal str. road	2
5- Cut 1- E. end. (dig.)	2
6- " " W. & S. (dig.)	2
9- " 1 Liberty road.	1
x- Vicksburg -	1

Eggs. (large)

1- Great gulch -	3
5- Cut 1- E. end. - (dig.)	1

Eggs. (small)

1- Great gulch -	3
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Helicodiscus lineatus

1- Great gulch	23
5- Cut 1- E. end. Dig.	2
x- Vicksburg	1

Punctum pygmaeum

Great gulch.	124
4- 1 <sup>st</sup> day -	1

Succinea obliqua Say.

1- Great gulch.	12
2- Cut 5.	4
3- Last cut Canal str. road.	3
4- 1 <sup>st</sup> day	5
5- Cut 1- E. end (dig.)	3
6- " 1- W. & S. (dig.)	3
7- " 3- E. side.	2
11- Cut 3. Liberty road.	2
20- Jefferson str.	1
28- Cut 4.	1

36

Succinea avara

6- Cut 1, W. & S. (dig.)	1
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Strobila labyrinthica

Great gulch	1
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Helicina orbiculata Say.

1	Great gulch. - without operculum <sup>206</sup> with op. <sup>6</sup>	212
2.	Cut 5.	17
3.	Last cut Canal str. road.	3
4.	1 <sup>st</sup> day.	29
5.	Cut 1 - E. end. (dig.)	19
6.	" 1 - W. & S. (" )	49
7.	" 3 - E. side. operculum <sup>8</sup> , non-op. <sup>69</sup>	77
8.	" 6.	3
15.	Crescent flat. June 2.	2
22	Cut 3 - upper lime layer.	3
28.	Cut. 4. 2 op. 30 non-op.	32
x.	Vicksburg.	7

45 3

Carychium exile  
Great Gulch.

33

